

Appendix A References

A-1. Required Publications

Section I

Code of Federal Regulations (CFR)

Title 29 “Labor” contains Office of Safety and Health Administration (OSHA) standards. Title 40 “Protection of the Environment” contains U.S. Environmental Protection Agency (EPA) standards. Copies of CFRs may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

OSHA 29 CFR 1910.106

Safety and Health Rules for General Industry

OSHA 29 CFR 1910.133

Eye and Face Protection

OSHA 29 CFR 1910.134

Requirements for a Minimal Acceptable Program

OSHA 29 CFR 1910.146

Permit-Required Confined Spaces

OSHA 29 CFR 1910.20

Access to Employee Exposure and Medical Records

OSHA 29 CFR 1926.103

Respiratory Protection

OSHA 29 CFR 1926.152

Construction Industry Standard

OSHA 29 CFR 1926.16

Rules of Construction

OSHA 29 CFR 1926.21

Safety Training and Education

OSHA 29 CFR 1926.302

Power-Operated Hand Tools

OSHA 29 CFR 1926.354

Welding, Cutting, and Heating in Way of Preservative Coatings

OSHA 29 CFR 1926.51

Sanitation

OSHA 29 CFR 1926.59

Hazard Communication Standard

OSHA 29 CFR 1926.62

Lead

OSHA 6-9

Construction Lead Standard

OSWAR Directive 9355.4-02

Interim Guidance on Establishing Soil Lead Clean-Up Levels at Superfund Sites

EPA 40 CFR 50.6

National Primary and Secondary Ambient Air Quality Standards for Particulate Matter

EPA 40 CFR 50.9

National Primary and Secondary Ambient Air Quality Standards for Ozone

EPA 40 CFR 50.12

National Primary and Secondary Ambient Air Quality Standards for OSHA, Lead

EPA 40 CFR 58

Probe Siting Criteria for Ambient Air Quality Monitoring

EPA 40 CFR 58.13

Operating Schedule

EPA 40 CFR 116

Designation of Hazardous Substances

EPA 40 CFR 117

Table 117.3, Reportable Quantities of Hazardous Substances Designated Pursuant to Section 311 of the Clean Water Act, and 117.21, Notice

EPA 40 CFR 122

Administered Permit Program: The National Pollutant Discharge Elimination System

EPA 40 CFR 261

Identification and Listing of Hazardous Waste

EPA 40 CFR 262

Standards Applicable to Generators of Hazardous Wastes

EPA 40 CFR 265

Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities

EM 1110-2-3400

30 Apr 95

EPA 40 CFR 268

Land Disposal Restrictions

48 CFR 1-10.002

Federal Acquisition Regulation - Specifications, Standards, and Other Purchase Descriptions

48 CFR 1-13.106

Federal Acquisition Regulation - Small Purchase and Other Purchase Procedures

49 CFR 172

Transportation: Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements

49 CFR 173

Transportation: Shippers - General Requirements for Shipments and Packagings

49 CFR 178

Transportation: Specifications for Packagings

49 CFR 179

Transportation: Specifications for Tank Cars

EPA Method 3050

Acid Digestion of Sediment, Sludge, and Soils

SW-846 Method 6010

USEPA Manual

SW-846 Method 7420

USEPA Manual

SW-846 Method 7421

USEPA Manual

Section II

Federal Agencies

DOD-E-18210B

Enamel, Interior, Deck, Red (Formula No. 23) (Metric)

DOD-P-15328

Primer (WASH) Pretreatment (Formula No. 117 for Metals)

MIL-C-18480A(3)

Coating Compound, Bituminous, Solvent, Coal Tar Base

MIL-C-83286B

Coating, Urethane, Aliphatic Isocyanate, for Aerospace Applications

MIL-P-14105C

Paint, Heat Resisting, (for Steel Surfaces)

MIL-P-24441A

Paint, Epoxy-polyamide, General Specifications for

Fed Spec TT-P-28

Paint, Aluminum, Heat Resisting (1200 °F)

Fed Spec TT-V-109

Varnish, Interior, Alkyd-Resin

Fed Spec TT-E-489

Enamel, Semigloss, Rust-Inhibiting

Fed Spec TT-E-496

Enamel: Heat Resisting (400 °F), Black

Fed Spec TT-E-529

Enamel, Alkyd, Semigloss

Fed Spec TT-V-1593

Enamel, Silicone Alkyd Copolymer Gloss (for Exterior and Interior Use)

Federal Standard 595

Colors Vol. 1

Federal Test Method 6221

Flexibility

Federal Test Method Standard (FTMS) 141C

Paint, Varnish, Lacquer, and Related Materials; Methods for Sampling and Testing

TM 5-811-7

Electrical Design, Cathodic Protection

ER 700-1-1

USACE Supply Policies and Procedures

ER 1110-2-1200

Plans and Specifications for Civil Works Projects

ER 1125-2-303

Design, Acquisition and Construction

EM 385-1-1

Safety and Health Requirements

EM 1110-2-3105

Mechanical and Electrical Design of Pumping Stations

ETL 1110-3-440

Cathodic Protection

ETL 1110-9-10

Cathodic Protection Systems Using Ceramic Anodes

CEGS 09900

Painting, General

CWGS 05036

Metallizing: Hydraulic Structures

CWGS 09940

Special Paints Formulations Section

CWGS 16643

Cathodic Protection System (Impressed Current) for Lock Miter Gates

Z87.1-1968

Department of Health, Education, and Welfare, American National Standard for Occupational and Educational Eye and Face Protection.

Section III

Other Sources

ANSI Z41

American National Standards Institute. 1993. "Personal Protection, Protective Footwear," New York.

ANSI N5.112-1974

American National Standards Institute. 1974. "Protective Coatings (Paint) for the Nuclear Industry," New York.

ANSI Z88.2-1992

American National Standards Institute. 1992. "Practices for Respiratory Protection," New York.

ASTM B117

American Society for Testing and Materials. "Salt Spray (Fog) Testing," Philadelphia, PA.

ASTM B418

American Society for Testing and Materials. "Specifications for Cast and Wrought Galvanic Zinc Anodes," Philadelphia, PA.

ASTM C128

American Society for Testing and Materials. "Specific Gravity and Absorption of Fine Aggregate," Philadelphia, PA.

ASTM C566

American Society for Testing and Materials. "Moisture Content, Total of Aggregate by Drying," Philadelphia, PA.

ASTM C702

American Society for Testing and Materials. "Reducing Field Samples of Aggregate to Testing Size," Philadelphia, PA.

ASTM C868

American Society for Testing and Materials. "Chemical Resistance of Protective Linings," Philadelphia, PA.

ASTM D75

American Society for Testing and Materials. "Practices for Sampling Aggregates," Philadelphia, PA.

ASTM D235

American Society for Testing and Materials. "Specification for Mineral Spirits (Petroleum Spirits) (Hydrocarbon Dry Cleaning Solvent)," Philadelphia, PA.

ASTM D522

American Society for Testing and Materials. "Mandrel Bend Test of Attached Organic Coatings," Philadelphia, PA.

ASTM D714

American Society for Testing and Materials. "Standard Test Method for Evaluating Degree of Blistering of Paints," Philadelphia, PA.

ASTM D1125

American Society for Testing and Materials. "Test Methods for Electrical Conductivity and Resistivity of Water," Philadelphia, PA.

ASTM D1186

American Society for Testing and Materials. "Non-Destructive Measurement of Dry Film Thickness of Non-Magnetic Coatings Applied to a Ferrous Base," Philadelphia, PA.

ASTM D1308

American Society for Testing and Materials. "Effect of Household Chemicals on Clear and Pigmented Organic Finishes," Philadelphia, PA.

ASTM D1400

American Society for Testing and Materials. "Non-Destructive Measurement of Dry Film Thickness of Non-Conductive Coatings Applied to a Non-Ferrous Metal Base," Philadelphia, PA.

ASTM D1475

American Society for Testing and Materials. "Test Method for Density of Paint, Varnish, Lacquer and Related Products," Philadelphia, PA.

ASTM D1640

American Society for Testing and Materials. "Test Methods for Drying, Curing, or Film Formation of Organic Coatings at Room Temperature," Philadelphia, PA.

ASTM D2240

American Society for Testing and Materials. "Test Method for Rubber Property - Durometer Hardness," Philadelphia, PA.

ASTM D2247

American Society for Testing and Materials. "Testing Water Resistance of Coatings in 100% Relative Humidity," Philadelphia, PA.

ASTM D2369

American Society for Testing and Materials. "Test Method for Volatile Content of Coating," Philadelphia, PA.

ASTM D2583

American Society for Testing and Materials. "Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impresser," Philadelphia, PA.

ASTM D2697

American Society for Testing and Materials. "Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings," Philadelphia, PA.

ASTM D3335

American Society for Testing and Materials. "Standard Test Method for Low Concentrations of Lead, Cadmium, and Cobalt in Paint by Atomic Absorption Spectroscopy," Philadelphia, PA.

ASTM D3359

American Society for Testing and Materials. "Measurement of Adhesion by Tape Test," Philadelphia, PA.

ASTM D3363

American Society for Testing and Materials. "Film Hardness by Pencil Test," Philadelphia, PA.

ASTM D4060

American Society for Testing and Materials. "Abrasion Resistance of Organic Coatings by the Taber Abrader," Philadelphia, PA.

ASTM D4259

American Society for Testing and Materials. "Standard Practice for Abrading Concrete," Philadelphia, PA.

ASTM D4260

American Society for Testing and Materials. "Acid Etching Concrete," Philadelphia, PA.

ASTM D4262

American Society for Testing and Materials. "pH of Chemically Cleaned or Etched Concrete," Philadelphia, PA.

ASTM D4263

American Society for Testing and Materials. "Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method," Philadelphia, PA.

ASTM D4285

American Society for Testing and Materials. "Oil or Water in Compressed Air, Indication," Philadelphia, PA.

ASTM D4417

American Society for Testing and Materials. "Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel," Philadelphia, PA.

ASTM D4541

American Society for Testing and Materials. "Pull-Off Strength of Coatings Using Portable Adhesion Testers," Philadelphia, PA.

ASTM D4585

American Society for Testing and Materials. "Testing Water Resistance of Coating Using Controlled Condensation," Philadelphia, PA.

ASTM 4940

American Society for Testing and Materials. "Test Method for Conductimetric Analysis of Water Soluble Ionic Contamination of Blasting Abrasives," Philadelphia, PA.

ASTM D5043

American Society for Testing and Materials. "Standard Test Methods for Field Identification of Coatings," Philadelphia, PA.

ASTM D5064

American Society for Testing and Materials. "Standard Practice for Conducting a Test Patch to Assess Coating Compatibility," Philadelphia, PA.

ASTM E1132

American Society for Testing and Materials. "Practice for Health Requirements Relating to Occupational Exposure to Quartz Dust," Philadelphia, PA.

ASTM G23

American Society for Testing and Materials. "Operating Light- and Water-Exposure Apparatus (Carbon-Arc Type) for Exposure of Non-Metallic Materials," Philadelphia, PA.

ASTM G26

American Society for Testing and Materials. "Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Non-Metallic Materials," Philadelphia, PA.

ASTM G53

American Society for Testing and Materials. "Operating Light- and Water-Exposure Apparatus (Fluorescent UV-Condensation Type) for Exposure of Non-Metallic Materials," Philadelphia, PA.

ASTM Vol 06.01

American Society for Testing and Materials. "Paint—Tests for Formulated Products and Applied Coatings," Philadelphia, PA.

AWWA C203-91

American Water Works Association. "Standard for CT Protective Coatings and Linings for Steel Water Pipelines, Enamel and Tape - Hot Applied," Denver, CO.

NACE #1

National Association of Corrosion Engineers. 1983. "White Metal Blast." Houston, TX.

NACE #2

National Association of Corrosion Engineers. 1983. "Near-White Metal Blast." Houston, TX.

NACE #3

National Association of Corrosion Engineers. 1983. "Commercial Blast." Houston, TX.

NACE #4

National Association of Corrosion Engineers. 1983. "Brush-Off Blast." Houston, TX.

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NACE RP-02-85 1985

National Association of Corrosion Engineers. "Control of External Corrosion on Metallic Buried, Partially Buried, or Submerged Liquid Storage Systems." Houston, TX.

NACE TM-01-74 1974

National Association of Corrosion Engineers. "Laboratory Methods for the Evaluation of Protective Coatings and Lining Materials in Immersion Service." Houston, TX.

National Coil Coating Association Bulletin II-12

National Coil Coating Association. "Specifications for Determination of Relative Pencil Hardness." Philadelphia, PA.

Specification G7.1 1989

Compressed Gas Association. Arlington, VA.

Federal Supply Schedule 80 VIA (Annual)

"Paint Latex, Interior and Exterior." Washington, DC.

Gardner-Sward 1972

"Gardner-Sward Paint Testing Manual." Bethesda, MD.

NIOSH Method 7082

National Institute for Occupational Safety and Health. 1992. "NIOSH Manual of Analytical Methods." Rockville, MD.

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SSPC VIS 2 1982

Steel Structures Painting Council. "Standard Method of Visually Evaluating Degree of Rusting on Painted Steel Surface." Pittsburgh, PA.

SSPC VIS 3 1993

Steel Structures Painting Council. "Hand and Power Tool." Pittsburgh, PA.

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SSPC-SP 1 1982

Steel Structures Painting Council. "Solvent Cleaning." Pittsburgh, PA.

SSPC-SP 2 1982 (edited 1989)

Steel Structures Painting Council. "Hand Tool Cleaning." Pittsburgh, PA.

SSPC-SP 3 1982 (edited 1989)

Steel Structures Painting Council. "Power Tool Cleaning to Bare Metal." Pittsburgh, PA.

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A-2. Related Publications

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Kline, E. S., and Corbett, W. D. 1992. "Beneficial Procrastination: Delaying Lead Paint Removal Projects by Upgrading the Coating System," *Journal of Protective Coatings and Linings* 9(3), 48.

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